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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	Div of 09/645,827 10/824,855
Filing Date	4-15-2004
First Named Inventor	Dale C. Flanders
Art Unit	2874
Examiner Name	Wood
Attorney Docket Number	1000.06 Div

Sheet 1 of 4

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KSW		US- 4,528,747	07-16-1985	Hoffman et al.	
KSW		US- 4,702,556	10-27-1987	Ishii et al.	
KSW		US- 4,773,727	09-27-1988	LePivent et al.	
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KSW		US- 5,351,330	09-27-1994	Jongewaard	
KSW		US- 5,570,444	10-29-1996	Janssen et al.	
KSW		US- 5,600,749	02-04-1997	Lee et al.	
KSW		US- 5,745,624	04-28-1988	Chan et al.	
KSW		US- 5,870,518	02-09-1999	Haake et al.	
KSW		US- 6,053,640	04-25-2000	Miyokawa et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
KSW		WO 91/06022	05-02-1991			
KSW		EP 0 647 091	04-05-1995			
KSW		EP 1 093 162 A1	04-18-2001			
KSW		FR 2 690 996	11-12-1993			
KSW		GB 2 296 100	06-19-1996			
KSW		WO 98/58287	12-23-1998			

Examiner  
Signature*Kem S. Wood*Date  
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**Complete if Known**

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Art Unit	2874
Examiner Name	Wood
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## U. S. PATENT DOCUMENTS

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		Art Unit	2874
		Examiner Name	Wood
Sheet 3	of 4	Attorney Docket Number	1000.06 Div

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KSW		KNIGHT, J. Douglas et al, "A Two-Axis Micropositioner for Optical Fiber Alignment," Hewlett-Packard Journal, 44 (1993) December, No. 6, Palo Alto, CA.	
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KSW		OH, Ksawn et al., "Flip-Chip Packaging Using Micromachined Conductive Polyhmer Bumps and Alignment Pedestals for MOEMS," IEEE journal of Selected Topics in Quantum Electronics, Vol. 5, No. 1, January/February 1999, pp. 119-125.	
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KSW		SCUSSAT, Marco et al., "Automated Surface Mounting of Miniature Optical Elements," DMT, EPFL, 1015 Lausanne, Switzerland (1998).	

Examiner Signature	<i>Kern &amp; Wood</i>	Date Considered	9/21/05
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KSW		SHARPE, William N. et al., "Mechanical Properties of LIGA-Deposited Nickel for MEMS Transducers, 1997 International Conference on Solid-State Sensor and Actuators, Chicago, June 16-19, 1997.	
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Examiner Signature	<i>Ken J Wood</i>	Date Considered	9/21/05
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